In the Claims

Please amend the claims as follows:

1   1. (Currently Amended) A method of in circuit emulation of an
2   integrated circuit including a digital data processor capable of
3   executing program instructions, the integrated circuit including a
4   serial scan path for control of the state of the integrated
5   circuit, comprising the steps of:
6   detecting a predetermined debug event;
7   upon detection of said predetermined debug event suspending
8   program execution except for at least one type interrupt; and
9   executing an emulation monitor program via said at least one
10   type interrupt; and
11   selectively assigning control of at least one emulation
12   resource of the integrated circuit to one of said serial scan path
13   or said monitor program.

     2. (Canceled)

1   3. (Currently Amended) The method of claim 2 1, wherein the
2   integrated circuit includes a monitor privilege input, said method
3   wherein:
4   said step of selectively assigning emulation resources of the
5   integrated circuit assigns said emulation resources to said serial
6   scan path upon a first digital state of said monitor privilege
7   input and assigns said emulation resources to said emulation
8   monitor program upon a second digital state of said monitor
9   privilege input.

1   4. (Currently Amended) The method of claim 2 1, the emulation
2   resources include at least one read write data register, said
3   method further comprising:

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4   said step of selectively assigning emulation resources of the

5   integrated circuit includes accessing said at least one read write

6   data register.

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